

What is claimed is:

1. A system for searching information on a network, comprising
a Uniform Resource Locations (URL) database to associate
URLs with at least one descriptor, and,
a knowledge database having at least one memory segment and
a distinct second memory segment having elements
reciprocally associated with elements of the at least
one first memory segment, wherein the reciprocal
associations further include,
a conceptual hierarchical relationship between elements
of the at least one first memory segment by
traversing the reciprocal associations; and,
a conceptual hierarchical relationship between elements
of the distinct second memory segment by
traversing the reciprocal associations.
2. A system according to claim 1, further comprising a graphical
user interface to accept input from a user.
3. A system according to claim 2, wherein the GUI further
includes a text box to accept at least one search term from the
user.

4. A system according to claim 2, wherein the GUI further includes an option to search by exact search word or occurrence of search word.
5. A system according to claim 2, wherein the GUI further includes interface to register a URL.
6. A system according to claim 5, wherein the interface to register a URL further includes at least one of,
 - a text box to accept the URL for registration, and,
 - at least one text box to accept at least one descriptor of the URL.
7. A system according to claim 1, further including a robot to retrieve URLs and respective descriptors, the retrieved URLs being associated to a registered URL.
8. A system according to claim 7, wherein the respective descriptors include metadata.
9. A system according to claim 1, further comprising a graphical user interface (GUI) providing access to the knowledge database.

10. A system according to claim 9, wherein the GUI further comprises a text box for inputting a search term.

11. A system according to claim 9, wherein the GUI further includes at least one text box for displaying at least one of an element from the at least one first memory segment and an element from the second memory segment.

12. A system according to claim 9, wherein the GUI further includes at least one selectable option to input a data association to the knowledge database.

13. A system according to claim 1, further comprising a graphical user interface (GUI) to display search results.

14. A system according to claim 13, wherein the GUI further includes a display object for dynamic subcategories.

15. A system according to claim 14, wherein the display object further comprises a drop-down box.

16. A system according to claim 13, wherein the GUI further includes a display object for dynamic cross-categories.

17. A system according to claim 16, wherein the display object further comprises a drop-down box.
18. A system according to claim 13, wherein the GUI further includes at least one of an option to search a subcategory and an option to search a cross-category.
19. A system according to claim 13, wherein the GUI further comprises at least one reference to a URL.
20. A system according to claim 19, wherein the at least one reference includes a http link.
21. A method for associating at least one search term with at least one URL, comprising,
- providing a URL database to associate URLs with at least one descriptor,
 - providing a knowledge database having at least one memory segment and a distinct second memory segment having elements reciprocally associated with elements of the at least one first memory segment, wherein the reciprocal associations further include,

a conceptual hierarchical relationship between elements of the at least one first memory segment by traversing the reciprocal associations; and, a conceptual hierarchical relationship between elements of the distinct second memory segment by traversing the reciprocal associations, and, providing URLs associated with the search term by accessing the URL database and the knowledge database based on the search term.

22. A method according to claim 21, wherein providing a URL database to associate URLs with at least one descriptor further includes providing a URL registration graphical user interface (GUI) for associating at least one URL with at least one URL descriptor.

23. A method according to claim 22, wherein the GUI further includes at least one text input object for accepting the at least one search term.

24. A method according to claim 21, further including providing a robot to retrieve URLs and respective descriptors for input to the URL database.

25. A method according to claim 21, further including at least one graphical user interface (GUI) to access the knowledge database.

26. A method according to claim 25, wherein the GUI further comprises a text box for inputting a search term.

27. A method according to claim 25, wherein the GUI further includes at least one text box for displaying at least one of an element from the at least one first memory segment and an element from the second memory segment.

28. A method according to claim 25, wherein the GUI further includes at least one selectable option to input a data association to the knowledge database.

29. A method according to claim 21, further comprising a graphical user interface (GUI) to display search results.

30. A method according to claim 29, wherein the GUI further includes a display object for dynamic subcategories.

31. A method according to claim 30, wherein the display object further comprises a drop-down box.

32. A method according to claim 21, further comprising providing at least one subcategory based on the at least one search term being associated with an Internet Protocol (IP) Address.

33. A method according to claim 21, further comprising providing at least one cross-category based on the at least one search term being associated with more than one Internet Protocol (IP) Address.

34. A method for providing URL information based on at least one search term, comprising at least one of

displaying at least one subcategory based on the at least one search term being associated with an Internet Protocol (IP) Address, and,

displaying at least one cross-category based on the at least one search term being associated with more than one Internet Protocol (IP) Address.

35. A method according to claim 34, further comprising displaying HTTP links to URLs associated with the at least one search term.

36. A method according to claim 34, wherein displaying at least one subcategory based on the at least one search term being

associated with an Internet Protocol (IP) Address further comprises providing a URL database to associate URLs with URL descriptors.

37. A method according to claim 34, wherein displaying at least one cross-category based on the at least one search term being associated with more than one Internet Protocol (IP) Address further comprises,

- providing a knowledge database having at least one memory segment and a distinct second memory segment having elements reciprocally associated with elements of the at least one first memory segment, wherein the reciprocal associations further include,
 - a conceptual hierarchical relationship between elements of the at least one first memory segment by traversing the reciprocal associations; and,
 - a conceptual hierarchical relationship between elements of the distinct second memory segment by traversing the reciprocal associations,
- extracting associated keywords from the knowledge database, the associated keywords being reciprocally related to the at least one search term, and,

identifying associated keywords as cross-categories by
correlating the associated keywords with at least one
URL.

38. A method according to claim 34, further comprising providing
at least one of,

a user option to search an identified subcategory, and,
a user option to search an identified cross-category.

39. A method for searching information on a network, comprising
providing a first database having associations of Uniform
Resource Locations (URLs) and descriptors,
providing a second database to register descriptors with
descriptor terms,
accepting a search query,
generating a search result that includes cross-categories,
subcategories, and URL links, the search result based
on the search query and the first and second database.

40. A method according to claim 39, further comprising providing
an interface for registering a URL.

41. A method according to claim 39, further comprising providing
an interface to inspect and modify the second database.

42. A method according to claim 39, wherein the second database further comprises,

at least one memory segment and a distinct second memory segment having elements reciprocally associated with elements of the at least one first memory segment, wherein the reciprocal associations further include, a conceptual hierarchical relationship between elements of the at least one first memory segment by traversing the reciprocal associations; and, a conceptual hierarchical relationship between elements of the distinct second memory segment by traversing the reciprocal associations.

42. A method according to claim 39, wherein generating a search result that includes cross-categories further includes,

determining additional descriptors associated with the same URLs as the search query is associated, identifying the additional descriptors associated with additional URLs, wherein the additional URLs are not associated entirely with the search query, and, providing the identified additional descriptors as cross-categories.

43. A method according to claim 39, wherein generating a search result that includes subcategories further includes,
determining additional descriptors associated with the same URLs as the search query is associated,
identifying the additional descriptors that are not associated with URLs other than URLs associated with the search query, and,
providing the identified additional descriptors as subcategories.

32. A method according to claim 29, wherein the GUI further includes a display object for dynamic cross-categories.

33. A method according to claim 32, wherein the display object further comprises a drop-down box.

34. A method according to claim 29, wherein the GUI further includes at least one of an option to search a subcategory and an option to search a cross-category.

35. A method according to claim 29, wherein the GUI further comprises at least one reference to a URL.

36. A method according to claim 35, wherein the at least one reference includes a http link.

37. A method according to claim 21, wherein providing URLs associated with the search term by accessing the URL database and the knowledge database based on the search term further includes accessing the URL database and the knowledge database based upon at least one of the exact search term and the occurrence of the search term.